

A.J. Stevens

AGS

Minutes of meeting: Radiation Safety Committee, sub-committee

Date: Friday, April 16, 1999

Present: D. Beavis, A. Etkin, W. MacKay, S. Musolino, A. Stevens

Subj: Status of Items Related to June Commissioning Run

This meeting was devoted to reviewing the status of a number of items, primarily related to shielding and posting concerns. These items all relate to draft RSC check lists for the June commissioning run.

The first part of the meeting was a visit to the 2 o'clock area. A previous RSC checklist item (CK-RHIC-2oclock-3, see minutes of 10/11/97) had called for an additional fence in this area "if practical," the concern being climbing on top of shielding on the north side of the IR. This subcommittee decided that the existing shielding and labyrinth make additional fencing impractical and that posting is sufficient. The posting should contain the radiation trefoil and read "No Climbing, No Ladders." **A Stevens will make a prototype sign.** The same signs should also be placed on the fast counting house and the support building.

Area postings should also exist for designation of the 2 o'clock region as a controlled area. The sub-committee agreed that posted stanchions would be highly desirable in this area and others as designators of controlled areas. **S. Musolino will follow up the possibility of obtaining stanchions from the AGS and A. Etkin will check price and availability of purchasing new ones.**

The perimeter fence at 2 o'clock was examined. On the south side, a new fence was built instead of tying into the existing fence, which would create a better barrier. **A. Stevens will follow up closing off the corridor created between the fences.**

Mike Gaffney has recommended posts to add stability to the patio block structures around the cryogenic penetrations (see minutes of 01/19/99). R. Marascia is implementing this improvement. These barriers should be posted with signs that read "Radiation Barrier. Contact HP Before Removal." **A. Stevens will make a prototype sign.** It is not entirely clear how these signs should be attached to the blocks; RTV has been suggested. This should be checked soon with a laminated sign by Lori Stiegler.

There is a need for a key access box on the interior of the fence on the south side of PHENIX. (If a person is running from some emergency situation out the 7GE1 gate, this locked fence is encountered.) **A Stevens will follow up getting this done.**

An acceptable HP lock must be purchased for all fence gates. These same locks will also be used on the covers for all the roof access ladders at IRs, replacing the locks that currently exist

on these covers. **A. Etkin will follow up obtaining keys and locks.** Signs which exist on these ladder covers should be replaced by new signs that contain the radiation trefoil and read "Contact HP and Building Manager for Access." **A. Stevens will make a prototype sign.**

The topic of ensuring that the main PHENIX plug door is not opened when beam is on was discussed but not resolved. Although some form of LOTO is possible, the sub-committee favors a procedure adapted from AGS OPM 8.13, which relates to moving shielding. A. Stevens reported that Mike Marx has promised to appoint a cognizant PHENIX person to essentially serve the liaison physicist function but has not yet done so. **A. Stevens will follow up on this appointment.**

The exact locations of area postings (Controlled Area – TLD Required) for the IRs should be decided by S. Musolino and A. Stevens, and Lori Stiegler.

Distribution:

D. Beavis
A. Etkin
W. Mackay
S. Musolino
A. Stevens

cc: RSC file
RSC